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	L17	cyclase OR phosphodiesterase	18819
	L16	GPCR	2070
	L15	polarized light	39987
	L14	L13 AND GPCR	0
	L13	L11 AND polarized light	120
	L12	L11 AND polarization	354
	L11	436/518.CCLS.	4159
	L10	L9 AND GPCR	11
	L9	L8 AND polarized light	123
	L8	L7 AND polarization	640
	L7	435/7.1,70.21.CCLS.	9867
	L6	Kauvar-L.IN.	2
	L5	Kauvar-Larry.IN.	0
	L4	Kauvar-Lawrence.IN.	2
	L3	Kauvar.IN.	125
	L2	Sportsman-J.IN.	0
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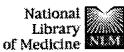
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	L13	L12 AND cyclase	2
	L12	polar?	4179
	L11	polar? light	0
	L10	L8 AND cyclic nucleotide	79
	L9	L8 AND GDP	203
	L8	L6 AND L7	390
	L7 ·	GTP	11701
	L6	L5 AND GPCR	718
	L5	FITC OR flourescein OR rhodamine OR xanthene OR cy5	46350
	L4	L1 AND L2 AND L3	66
	L3	tracer	24118
	L2	polarization	149760
	L1	(cyclic nucleotide)	2891

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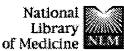
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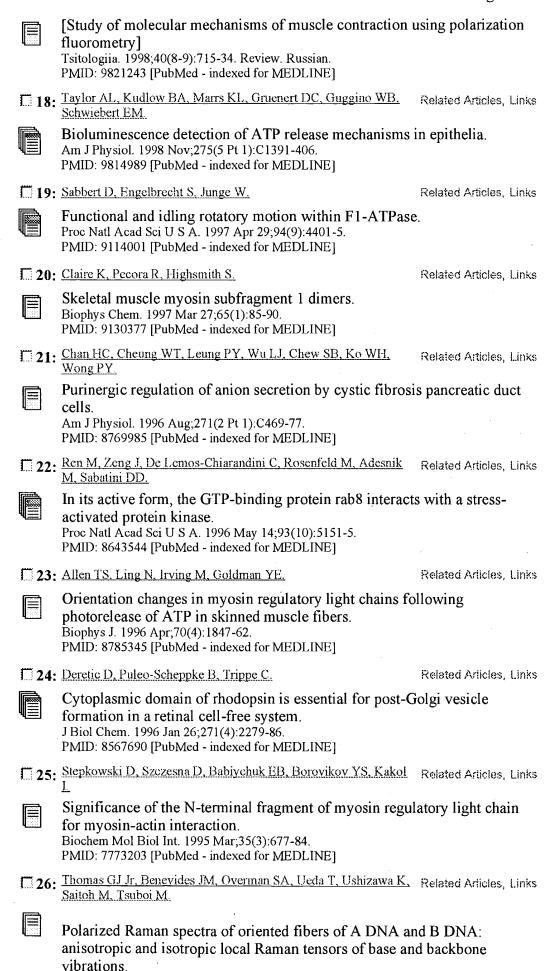
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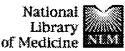
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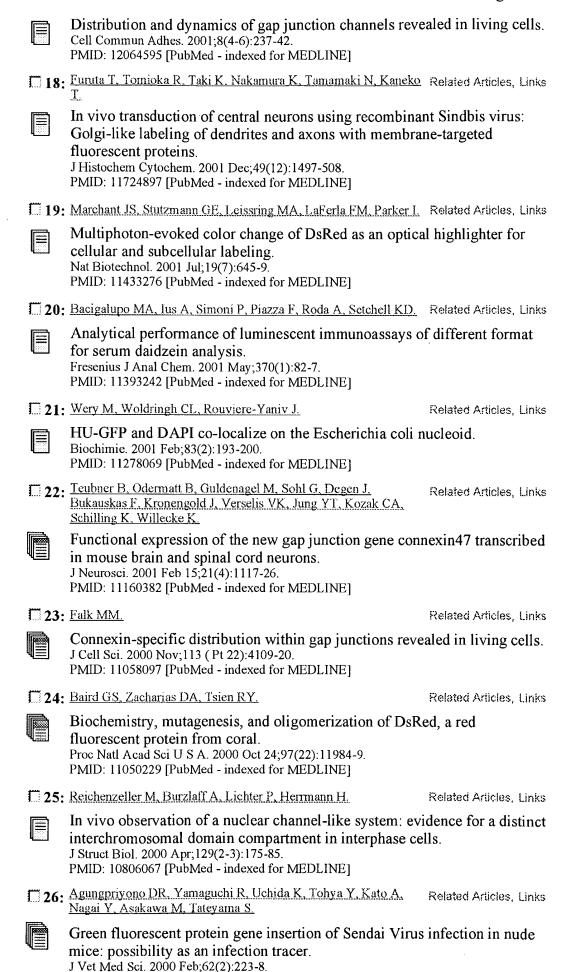




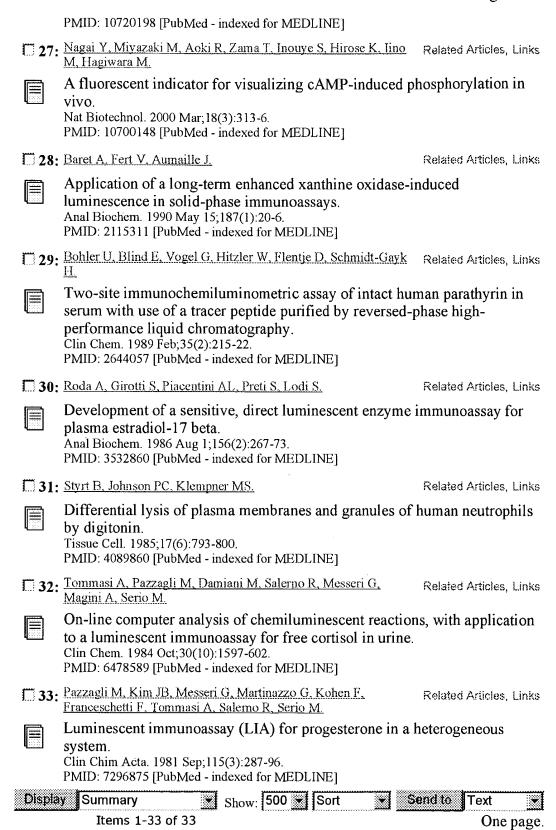
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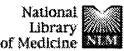
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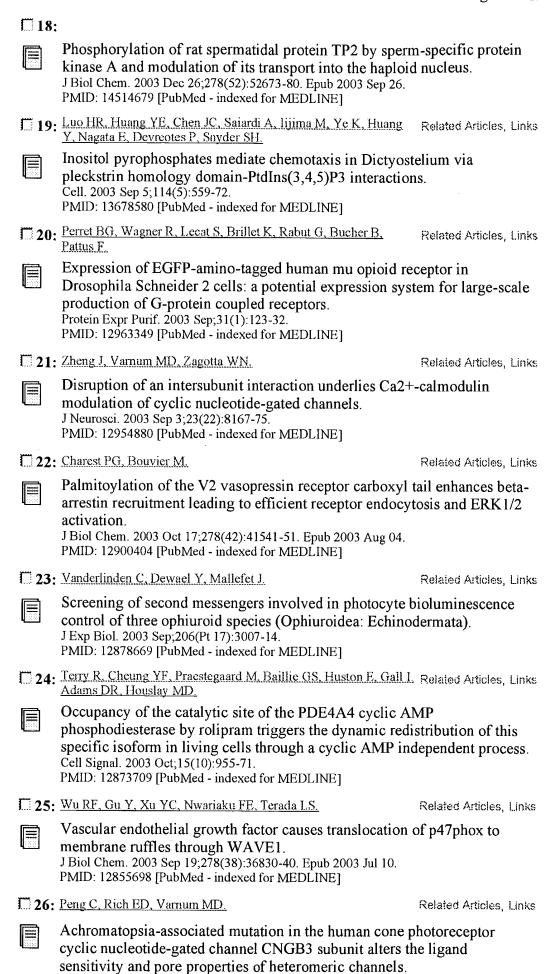
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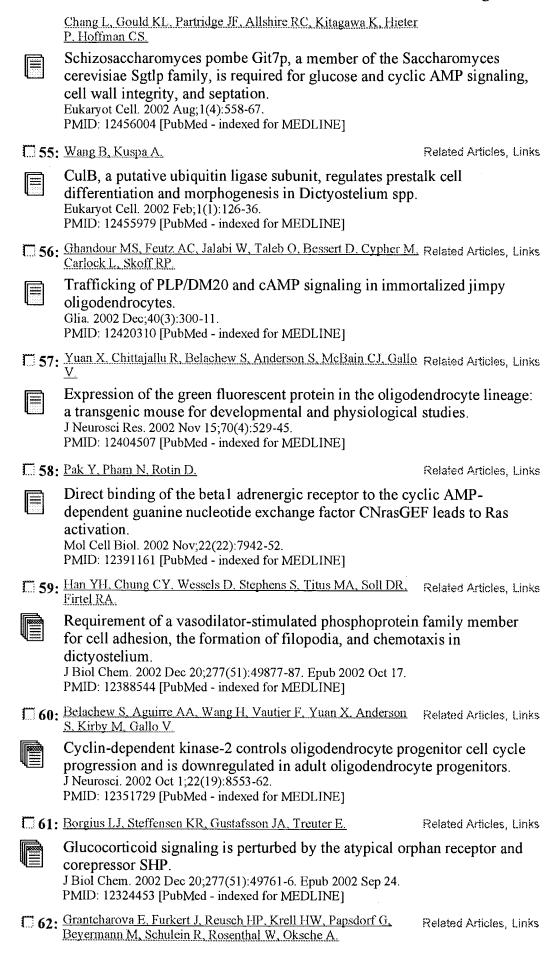
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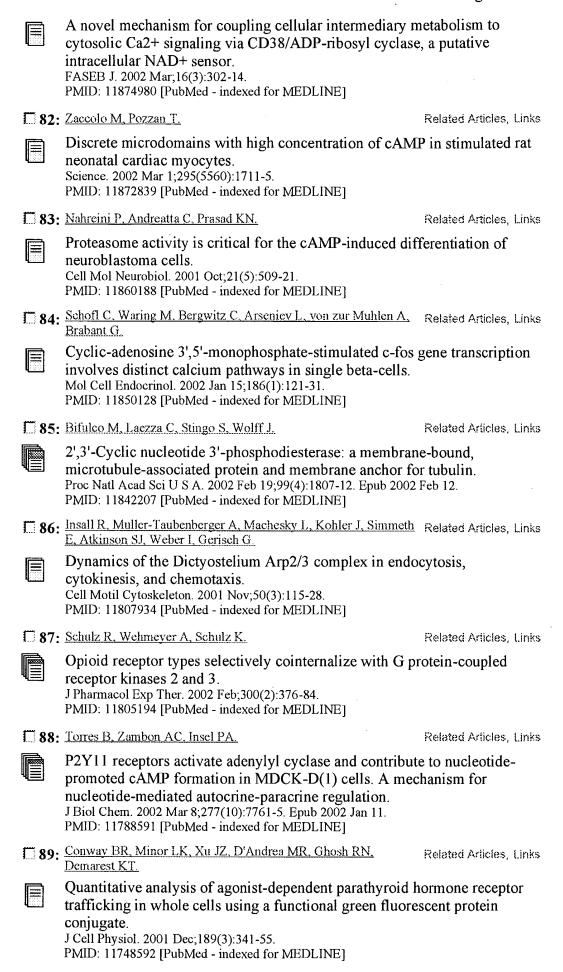
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        US 2002-393197P
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                                         (60)
        US 2002-433319P
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DT
        Utility
FS
        APPLICATION
LN.CNT
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        INCLM: 435/007.100
INCL
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                435/007.100
NCL
        NCLM:
                435/006.000; 702/019.000
        NCLS:
TC
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        ICM: C12Q001-68
        ICS: G01N033-53; G06F019-00; G01N033-48; G01N033-50
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 5 OF 50 USPATFULL ON STN
ΑN
        2004:7465
                    USPATFULL
TI
        Poroplasts
TN
        Surber, Mark W., Coronado, CA, UNITED STATES
        Giacalone, Matthew, San Diego, CA, UNITED STATES
        us 2004005700
PΙ
                              Α1
                                    20040108
        US 2002-157339
ΑI
                              A1
                                    20020528 (10)
        Utility
DT
        APPLICATION
FS
LN.CNT 18539
INCL
        INCLM: 435/317.100
        INCLS: 435/455.000; 435/252.300
                435/317.100
NCL
        NCLM:
                435/455.000; 435/252.300
        NCLS:
        [7]
IC
        ICM: C12N001-20
        ICS: C12N015-85
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 6 OF 50 USPATFULL ON STN
        2003:330196 USPATFULL
AN
TI
        T1R hetero-oligomeric taste receptors and cell lines that express said
        receptors and use thereof for identification of taste compounds
ΤN
        Zoller, Mark, San Diego, CA, UNITED STATES
        Li, Xiaodong, San Diego, CA, UNITED STATES
        Staszewski, Lena, San Diego, CA, UNITED STATES O'Connell, Shawn, Encinitas, CA, UNITED STATES Zozulya, Sergey, San Diego, CA, UNITED STATES
        Adler, Jon Elliot, San Diego, CA, UNITED STATES
        Xu, Hong, San Diego, CA, UNITED STATES
        Echeverri, Fernando, Chula Vista, CA, UNITED STATES
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Senomyx, Inc., La Jolla, CA, UNITED STATES, 92037 (U.S. corporation)
PΙ
       us 2003232407
                                  20031218
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ΑI
       us 2002-179373
                                  20020626 (10)
                            Α1
PRAI
       US 2001-300434P
                             20010626 (60)
       US 2001-304749P
                              20010713 (60)
       US 2001-310493P
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                              20011121 (60)
       US 2001-331771P
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          2001-339472P
                              20011214
                                        (60)
          2002-372090P
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                                        (60)
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       US 2002-374143P
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       US 2002-374522P
                             20020423 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 3860
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INCL
       INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL
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               435/069.100
       NCLS:
               435/320.100; 435/325.000; 530/350.000; 536/023.500
IC
       ICM: C07K014-705
       ICS: C12P021-02; C12N005-06; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 7 OF 50 USPATFULL on STN
ΑN
       2003:330124 USPATFULL
ΤI
       Minicell-based screening for compounds and proteins that modulate the
       activity of signalling proteins
ΙN
       Surber, Mark W., Coronado, CA, UNITED STATES
       Berkley, Neil, San Diego, CA, UNITED STATES US 2003232335 A1 20031218
PΙ
       us 2002-157317
                                  20020528 (10)
ΑI
                            A1
       US 2002-359843P
PRAI
                             20020225 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 18564
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INCL
       INCLS: 435/007.100; 435/007.200
               435/006.000
NCL
       NCLM:
       NCLS:
               435/007.100; 435/007.200
IC
       ICM: C12Q001-68
       ICS: G01N033-53; G01N033-567
     ANSWER 8 OF 50 USPATFULL on STN
L5
ΑN
       2003:324658
                     USPATFULL
       Expression of functional human olfactory cyclic nucleotide gated (CNG)
TI
       channel in recombinant host cells and use thereof in cell based assays
       to identify smell modulators
       Zoller, Mark, San Diego, CA, UNITED STATES
Xu, Hong, San Diego, CA, UNITED STATES
IN
       Staszewski, Lena, San Diego, CA, UNITED STATES
Moyer, Bryan, San Diego, CA, UNITED STATES
       Pronin, Alexy, San Diego, CA, UNITED STATES
Adler, Jon Elliot, San Diego, CA, UNITED STATES
       Servant, Guy, San Diego, CA, UNITED STATES
       Callamaras, Nicholas, San Diego, CA, UNITED STATES
       Senomyx, Inc., La Jolla, CA (U.S. corporation)
US 2003228633 A1 20031211
PΑ
PΙ
       us 2002-189507
ΑI
                                  20020708 (10)
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                             20010706 (60)
PRAI
       US 2001-303140P
       US 2001-337154P
                             20011210 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 2860
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INCL
       INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL
       NCLM:
               435/007.200
       NCLS:
               435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC
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       ICM: G01N033-53
       ICS: G01N033-567; C07H021-04; C12P021-02; C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 9 OF 50 USPATFULL on STN
AΝ
       2003:318700 USPATFULL
ΤI
       Antibodies to native conformations of membrane proteins
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Sabbadini, Roger A., Lakeside, CA, UNITED STATES
ΙN
        Berkley, Neil, San Diego, CA, UNITED STATES
        Surber, Mark W., Coronado, CA, UNITED STATES
PT
        US 2003224444
                                  20031204
                             Α1
ΑT
        US 2002-157491
                             Α1
                                  20020528 (10)
        US 2002-359843P
PRAI
                              20020225 (60)
DT
        Utility
        APPLICATION
FS
       18559
LN.CNT
        INCLM: 435/007.100
INCL
        INCLS: 435/069.100; 435/326.000; 530/387.100
               435/007.100
NCL
               435/069.100; 435/326.000; 530/387.100
        [7]
IC
        ICM: G01N033-53
        ICS: C12N005-06; C07K016-00; C12P021-02
L5
     ANSWER 10 OF 50 USPATFULL on STN
AN
        2003:318646 USPATFULL
        Method of identifying conformation-sensitive binding peptides and uses
TI
IN
        Fowlkes, Dana M., Chapel Hill, NC, UNITED STATES
        Barnett, Thomas R., Chapel Hill, NC, UNITED STATES
        Buehrer, Benjamin, Chapel Hill, NC, UNITED STATES
PA
        Karo Bio AB, Huddinge, SWEDEN (U.S. corporation)
                                  20031204
PΙ
        us 2003224390
                            Α1
        US 2003-346162
ΑI
                            Α1
                                  20030117 (10)
        Continuation-in-part of Ser. No. WO 2001-US21867, filed on 11 Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-860688, filed on 21 May
RLI
        2001, PENDING Continuation-in-part of Ser. No. US 2000-614865, filed on
        12 Jul 2000, ABANDONED
        Utility
DT
FS
        APPLICATION
LN.CNT
       5415
INCL
        INCLM: 435/006.000
        NCLM: 435/006.000
NCL
IC
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        ICM: C12Q001-68
L5
     ANSWER 11 OF 50 USPATFULL on STN
        2003:318625 USPATFULL
AN
TI
        Reverse screening and target identification with minicells
ΙN
        Surber, Mark W., Coronado, CA, UNITED STATES
        Berkley, Neil, San Diego, CA, UNITED STATES
        Gerhart, William, La Mesa, CA, UNITED STATES
PΙ
        US 2003224369
                                  20031204
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ΑI
        US 2002-157171
                            Α1
                                  20020528 (10)
        US 2002-359843P
                              20020225 (60)
PRAI
DΤ
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FS
        APPLICATION
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NCL
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IC
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        ICM: C12Q001-68
L5
     ANSWER 12 OF 50 USPATFULL ON STN
        2003:312291 USPATFULL
AN
TI
       Minicell-based bioremediation
       Segall, Anca M., San Diego, CA, UNITED STATES Klepper, Robert, San Diego, CA, UNITED STATES US 2003219888 A1 20031127
ΙN
PΙ
                                  20020528 (10)
ΑI
       US 2002-157418
                            Α1
RLI
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI
       US 2002-359843P
                             20020225 (60)
       US 2001-293566P
                              20010524 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT
       18632
       INCLM: 435/262.500
INCL
NCL
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IC
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       ICM: C12S001-00
L5
     ANSWER 13 OF 50 USPATFULL ON STN
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2003:311814 USPATFULL

AΝ

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ΤI
        Methods of making pharmaceutical compositions with minicells
IN
        Sabbadini, Roger A., Lakeside, CA, UNITED STATES
        Klepper, Robert, San Diego, CA, UNITED STATES
        US 2003219408
PΙ
                                 20031127
                           Α1
ΑI
        US 2002-157320
                            Α1
                                 20020528 (10)
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING US 2002-359843P 20020225 (60)
RLI
PRAI
       US 2001-293566P
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       Utility
DT
FS
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LN.CNT 18632
INCL
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IC
        ICM: A61K048-00
L5
     ANSWER 14 OF 50 USPATFULL ON STN
        2003:300375 USPATFULL
ΑN
       Minicell-based delivery agents
TT
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
IN
       Klepper, Robert, San Diego, CA, UNITED STATES
        Surber, Mark W., Coronado, CA, UNITED STATES
PΙ
       US 2003211599
                                 20031113
                           Α1
ΑI
       US 2002-157106
                           Α1
                                 20020528 (10)
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
RLI
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PRAI
                             20020225 (60)
       US 2001-293566P
                             20010524 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 18671
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INCL
       INCLS: 435/252.300
NCL
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       NCLS:
              435/252.300
IC
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       ICM: C12N005-02
       ICS: C12N001-21
L5
     ANSWER 15 OF 50 USPATFULL on STN
       2003:299865 USPATFULL
AN
       Minicell-based selective absorption
ΤI
IN
       Berkley, Neil, San Diego, CA, UNITED STATES
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PΙ
       US 2003211086
                           Α1
                                 20031113
       US 2002-157073
AΤ
                                 20020528 (10)
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PRAI
       US 2001-295566P
                            20010605 (60)
       US 2002-359843P
                            20020225 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 18553
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       INCLS: 435/325.000; 424/001.730; 424/001.490
NCL
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       NCLS:
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       ICS: A61K048-00; C12N005-00
L5
     ANSWER 16 OF 50 USPATFULL ON STN
       2003:294815 USPATFULL
ΔN
ΤI
       Pharmaceutical compositions with minicells
       Berkley, Neil, San Diego, CA, UNITED STATES
IN
       Klepper, Robert, San Diego, CA, UNITED STATES
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PΙ
       US 2003207833
                           Α1
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       US 2002-156811
US 2002-359843P
ΑI
                           Α1
                                20020528 (10)
PRAI
                            20020225 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 18585
INCL
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       INCLS: 424/093.210
NCL
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       NCLS:
              424/093.210
IC
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       ICM: A61K048-00
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L5
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ΑN
        2003:294322 USPATFULL
TI
        olfactory receptors for isovaleric acid and related malodorants and use
        thereof in assays for identification of blockers of malodor
IN
        Han, Yi, San Diego, CA, UNITED STATES
        Zozulya, Sergey, San Diego, CA, UNITED STATES
        Echeverri, Fernando, Chula Vista, CA, UNITED STATES
        Wang, Kun, San Diego, CA, UNITED STATES
Senomyx, Inc., La Jolla, CA (U.S. corporation)
PA
                                 20031106
        US 2003207337
PΙ
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ΑI
        US 2002-300846
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                                 20021121 (10)
                             20011221 (60)
        US 2001-341872P
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        US 2002-348371P
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DT
        APPLICATION
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IC
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        ICS: G01N033-567; C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 18 OF 50 USPATFULL on STN 2003:288723 USPATFULL
ΑN
        Conjugated minicells
TI
IN
        Surber, Mark W., Coronado, CA, UNITED STATES
        Klepper, Robert, San Diego, CA, UNITED STATES
PΙ
        US 2003203481
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ΑI
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PRAI
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DT
       Utility
FS
        APPLICATION
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INCL
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NCL
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       ICM: C12N005-02
L5
     ANSWER 19 OF 50 USPATFULL on STN
       2003:288653 USPATFULL
ΑN
TT
       Methods of minicell-based delivery
IN
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
       Berkley, Neil, San Diego, CA, UNITED STATES
       Klepper, Robert, San Diego, CA, UNITED STATES
       Surber, Mark W., Coronado, CA, UNITED STATES
       US 2003203411
PΤ
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PRAI
       US 2001-295566P
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       US 2002-359843P
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DT
       Utility
FS
       APPLICATION
LN.CNT 18582
INCL
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NCL
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               435/007.200
       NCLS:
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TC
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       ICM: A61K051-00
       ICS: G01N033-53; G01N033-567
L5
     ANSWER 20 OF 50 USPATFULL on STN
AN
       2003:288179 USPATFULL
       Minicell-based diagnostics
TI
IN
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
       Klepper, Robert, San Diego, CA, UNITED STATES
       Berkley, Neil, San Diego, CA, UNITED STATES
                                 20031030
PΙ
       US 2003202937
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       US 2002-157178
ΑI
                           Α1
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PRAI
       US 2001-295566P
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       US 2002-359843P
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       Utility
DT
FS
       APPLICATION
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LN.CNT 18527
       INCLM: 424/001.490
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       INCLS: 424/009.340; 424/009.500
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       NCLS: 424/009.340; 424/009.500
IC
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       ICM: A61K051-00
       ICS: A61K049-00
L5
     ANSWER 21 OF 50 USPATFULL on STN
       2003:282746 USPATFULL
AN
TI
       Membrane to membrane delivery
       Surber, Mark W., Coronado, CA, UNITED STATES
ΙN
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PΙ
       us 2003199089
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                                20031023
                            1 20020528 (10)
20010605 (60)
ΑI
       US 2002-157318
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       US 2001-295566P
PRAI
       US 2002-359843P
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DT
       Utility
       APPLICATION
FS
LN.CNT 18530
INCL
       INCLM: 435/449.000
       INCLS: 435/455.000
NCL
       NCLM: 435/449.000
       NCLS: 435/455.000
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       ICS: C12N015-02
L5
     ANSWER 22 OF 50 USPATFULL on STN
       2003:282745 USPATFULL
AN
       Minicell-based gene therapy
TI
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
IN
       Berkley, Neil, San Diego, CA, UNITED STATES
       Surber, Mark W., Coronado, CA, UNITED STATES
PΙ
       US 2003199088
                                20031023
                           Α1
ΑI
       us 2002-156902
                                20020528 (10)
                           Α1
                            20010605 (60)
       US 2001-295566P
PRAI
       US 2002-359843P
                            20020225 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 15300
INCL
       INCLM: 435/449.000
       INCLS: 435/325.000; 435/320.100
       NCLM: 435/449.000
NCL
       NCLS: 435/325.000; 435/320.100
IC
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       ICM: C12N015-02
       ICS: C12N005-00
L5
     ANSWER 23 OF 50 USPATFULL on STN
ΑN
       2003:282662 USPATFULL
TI
       Solid supports with minicells
       Sabbadini, Roger, Lakeside, CA, UNITED STATES
ΙN
       Klepper, Robert, San Diego, CA, UNITED STATES
       US 2003199005
PI
                                20031023
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ΑI
       US 2002-157166
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                           Α1
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
RLI
PRAI
       US 2002-359843P
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       US 2001-293566P
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DT
       Utility
       APPLICATION
FS
LN.CNT 18494
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       INCLS: 435/325.000
NCL
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IC
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       ICM: G01N033-567
       ICS: C12N005-00
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       2003:282653 USPATFULL
ΑN
TI
       Minicell libraries
IN
       Surber, Mark_W., Coronado, CA, UNITED STATES
       Berkley, Neil, San Diego, CA, UNITED STATES
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Gerhart, William, La Mesa, CA, UNITED STATES
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
       us 2003198996
PΙ
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ΑI
       US 2002-157147
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RLI
                            20010524 (60)
       US 2001-293566P
PRAI
       US 2002-359843P
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DT
       Utility
       APPLICATION
FS
LN.CNT 18482
INCL
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       INCLS: 435/325.000
       NCLM: 435/007.100
NCL
       NCLS: 435/325.000
IC
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       ICM: G01N033-53
       ICS: C12N005-00
     ANSWER 25 OF 50 USPATFULL on STN
L5
       2003:282652 USPATFULL
AN
TI
       Forward screening with minicells
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
TN
       Berkley, Neil, San Diego, CA, UNITED STATES
       Surber, Mark W., Coronado, CA, UNITED STATES
       Gerhart, William, La Mesa, CA, UNITED STATES
PΙ
       us 2003198995
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       US 2002-156831
ΑI
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                           Α1
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
RLI
PRAI
       US 2002-359843P
                            20020225 (60)
       US 2001-293566P
                            20010524 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 18533
       INCLM: 435/007.100
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       INCLS: 435/007.210; 435/005.000
NCL
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       NCLM:
       NCLS:
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IC
       ICM: C12Q001-70
       ICS: G01N033-53; G01N033-567
L5
     ANSWER 26 OF 50 USPATFULL on STN
       2003:276773 USPATFULL
ΑN
TT
       Minicell compositions and methods
IN
       Surber, Mark W., Coronado, CA, UNITED STATES
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PΙ
       US 2003194798
                         A1
                                20031016
       US 2002-154951
                                20020524 (10)
ΑI
                           Α1
       US 2001-293566P
PRAI
                            20010524 (60)
       US 2002-359843P
                            20020225 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 18583
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INCL
       INCLS: 435/252.300
NCL
       NCLM:
              435/252.100
       NCLS:
              435/252.300
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IC
       ICM: C12N001-20
       ICS: C12N001-21
L5
     ANSWER 27 OF 50 USPATFULL on STN
ΑN
       2003:276689 USPATFULL
ΤI
       Minicell-based transformation
IN
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
       Berkley, Neil, San Diego, CA, UNITED STATES
       Surber, Mark W., Coronado, CA, UNITED STATES
       US 2003194714
PΤ
                          Α1
                                20031016
AΙ
       US 2002-157299
                                20020528 (10)
                          Α1
PRAI
       US 2001-295566P
                           20010605 (60)
       US 2002-359843P
                           20020225 (60)
DT
       Utility
       APPLICATION
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LN.CNT 18595
INCL
       INCLM: 435/006.000
       INCLS: 435/325.000; 435/455.000
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NCL
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       NCLS: 435/325.000; 435/455.000
IC
       [7]
       ICM: C12Q001-68
       ICS: C12N005-00; C12N015-85
L5
     ANSWER 28 OF 50 USPATFULL on STN
       2003:271146 USPATFULL
ΑN
ΤI
       Minicell-producing parent cells
       Surber, Mark W., Coronado, CA, UNITED STATES
IN
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
       Segall, Anca M., San Diego, CA, UNITED STATES
       Berkley, Neil, San Diego, CA, UNITED STATES
PΙ
       US 2003190749
                           Α1
                                20031009
       US 2002-157215
ΑI
                           Α1
                                20020528 (10)
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
RLI
       US 2002-359843P
                            20020225 (60)
PRAI
       US 2001-293566P
                            20010524 (60)
       Utility
DΤ
       APPLICATION
FS
LN.CNT 18577
       INCLM: 435/375.000
INCL
       NCLM: 435/375.000
NCL
IC
       [7]
       ICM: C12N005-10
L5
     ANSWER 29 OF 50 USPATFULL on STN
       2003:271080 USPATFULL
ΑN
       Minicell-based rational drug design
ΤI
IN
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
       Surber, Mark W., Coronado, CA, UNITED STATES
PI
       US 2003190683
                           Α1
                                20031009
ΑT
       US 2002-157302
                           Α1
                                20020528 (10)
RLI
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI
       US 2002-359843P
                            20020225 (60)
       US 2001-293566P
                            20010524 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 18539
INCL
       INCLM: 435/007.210
       INCLS: 435/325.000; 702/019.000
NCL
       NCLM: 435/007.210
       NCLS:
              435/325.000; 702/019.000
TC
       [7]
       ICM: G01N033-567
       ICS: G06F019-00; G01N033-48; G01N033-50; C12N005-00
L5
     ANSWER 30 OF 50 USPATFULL on STN
ΑN
       2003:270998 USPATFULL
TI
       Target display on minicells
       Sabbadini, Roger A., Lakeside, CA, UNITED STATES
IN
       Berkley, Neil, San Diego, CA, UNITED STATES
       Surber, Mark W., Coronada, CA, UNITED STATES
PΙ
       US 2003190601
                           Α1
                                20031009
       US 2002-157096
ΑI
                                20020528 (10)
                          Α1
       Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
RLI
                            20020225 (60)
PRAI
       US 2002-359843P
       US 2001-293566P
                           20010524 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 18581
INCL
       INCLM: 435/005.000
       INCLS: 435/006.000; 435/007.100; 435/007.210
NCL
       NCLM: 435/005.000
             435/006.000; 435/007.100; 435/007.210
       NCLS:
TC
       [7]
       ICM: C12Q001-70
       ICS: C12Q001-68; G01N033-53; G01N033-567
15
     ANSWER 31 OF 50 USPATFULL ON STN
       2003:244199 USPATFULL
AN
TI
       Use of specific T2R taste receptors to identify compounds that block
       bitter taste
IN
       Pronin, Alexey, San Diego, CA, UNITED STATES
       Connor, Judy, Vista, CA, UNITED STATES
       Tang, Huixian, San Diego, CA, UNITED STATES
```

```
Keung, Walter, San Diego, CA, UNITED STATES
        Servant, Guy, San Diego, CA, UNITED STATES
        Adler, Jon, San Diego, CA, UNITED STATES
        O'Connell, Shawn, San Diego, CA, UNITED STATES
        Brust, Paul, San Diego, CA, UNITED STATES
PA
                  Inc., La Jolla, CA, 92037 (U.S. corporation)
PΙ
        us 2003170608
                                  20030911
                             Α1
        US 2002-191058
ΑI
                                  20020710 (10)
                             Α1
PRAI
        US 2001-303811P
                              20010710 (60)
        US 2002-372089P
                              20020415 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 2491
INCL
        INCLM: 435/004.000
NCL
        NCLM: 435/004.000
IC
        [7]
        ICM: C12Q001-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 32 OF 50 USPATFULL ON STN
AN
        2003:238122 USPATFULL
        Minicell-based transfection
TI
        Sabbadini, Roger A., Lakeside, CA, UNITED STATES
IN
        Berkley, Neil, San Diego, CA, UNITED STATES
PΙ
        US 2003166279
                                  20030904
                             Α1
ΑI
        US 2002-157391
                             Α1
                                  20020528 (10)
RLI
        Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
        US 2002-359843P
                              20020225 (60)
PRAI
        US 2001-293566P
                              20010524 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 18548
INCL
        INCLM: 435/449.000
        INCLS: 435/320.100; 435/325.000
NCL
        NCLM:
               435/449.000
        NCLS:
               435/320.100; 435/325.000
IC
        [7]
        ICM: C12N015-02
        ICS: C12N005-00
L5
      ANSWER 33 OF 50 USPATFULL on STN
ΑN
        2003:237942 USPATFULL
TI
        Minicells comprising membrane proteins
IN
        Sabbadini, Roger A., Lakeside, CA, UNITED STATES
        Surber, Mark W., Coronado, CA, UNITED STATES
        Berkley, Neil, San Diego, CA, UNITED STATES
       Segall, Anca M., San Diego, CA, UNITED STATES Klepper, Robert, San Diego, CA, UNITED STATES US 2003166099 A1 20030904
PΙ
ΑI
        US 2002-157305
                                  20020528 (10)
                             Α1
PRAI
        US 2001-295566P
                              20010605 (60)
        US 2002-359843P
                              20020225 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 18580
INCL
        INCLM: 435/069.100
        INCLS: 435/325.000
NCL
               435/069.100
        NCLM:
       NCLS:
               435/325.000
IC
        [7]
        ICM: C12P021-02
       ICS: C12N005-00
L5
     ANSWER 34 OF 50 USPATFULL on STN
       2003:194515 USPATFULL
AN
TI
       Methods for determining polypeptide structure, function or pharmacophore
       from comparison of polypeptide sequences
       Hansen, Mark R., San Diego, CA, UNITED STATES
Kho, Richard, San Diego, CA, UNITED STATES
ΙN
       Villar, Hugo O., La Jolla, CA, UNITED STATES
ΡI
                                  20030717
       US 2003134326
                            Α1
ΑI
       US 2001-32395
                            A1
                                  20011221 (10)
DT
       Utility
       APPLICATION
FS
LN.CNT 2437
       INCLM: 435/007.100
INCL
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INCLS: 702/019.000
NCL
        NCLM:
              435/007.100
        NCLS:
               702/019.000
IC
        [7]
        ICM: G01N033-53
        ICS: G06F019-00; G01N033-48; G01N033-50
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 35 OF 50 USPATFULL on STN
ΑN
        2003:140182 USPATFULL
        Compositions and methods for the treatment and prevention of
TI
        cardiovascular diseases and disorders, and for identifying agents
        therapeutic therefor
IN
        Sabbadini, Roger A., Lakeside, CA, UNITED STATES
        Medlyte, Inc. (U.S. corporation)
US 2003096022 A1 20030522
PA
PΙ
        US 2001-29372
                                 20011221 (10)
ΑI
                            Α1
        US 2000-257926P
PRAI
                             20001222 (60)
DT
        Utility
        APPLICATION
LN.CNT 5747
INCL
        INCLM: 424/725.000
        NCLM: 424/725.000
NCL
IC
        [7]
        ICM: A61K035-78
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 36 OF 50 USPATFULL ON STN
ı 5
        2003:127844 USPATFULL
ΑN
TI
        Human olfactory receptors and genes encoding same
ΙN
        Zozulya, Sergey, San Diego, CA, UNITED STATES
PΤ
        us 2003088059
                           Α1
                                 20030508
AΤ
        US 2001-804291
                            Α1
                                 20010313
       US 2000-188914P
PRAT
                             20000313 (60)
        US 2000-192033P
                             20000324 (60)
        US 2000-198474P
                             20000414 (60)
                             20000424
       US
          2000-199335P
                                      (60)
       US 2000-207702P
                             20000526
                                      (60)
       US 2000-213849P
                             20000623
                                      (60)
       US 2000-226534P
                             20000816
                                      (60)
       US 2000-230732P
                             20000907
                                      (60)
       US 2001-266862P
                            20010207 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 12769
INCL
        INCLM: 530/350.000
        INCLS: 435/183.000; 435/069.100; 435/325.000; 435/320.100; 536/023.200
NCL
       NCLM:
               530/350.000
       NCLS:
               435/183.000; 435/069.100; 435/325.000; 435/320.100; 536/023.200
        [7]
IC
       ICM: C07K014-435
        ICS: C12P021-02; C12N005-06; C07H021-04; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 37 OF 50 USPATFULL on STN
       2003:78528 USPATFULL
AN
       T1R taste receptors and genes encoding same
TI
ΙN
       Adler, Jon Elliot, San Diego, CA, UNITED STATES
       Li, Xiaodong, San Diego, CA, UNITED STATES
       Staszewski, Lena, San Diego, CA, UNITED STATES
       O'Connell, Shawn, Encinitas, CA, UNITED STATES
       Zozulya, Sergey, San Diego, CA, UNITED STATES
PA
       Senomyx, Inc., La Jolla, CA (U.S. corporation)
PΙ
       US 2003054448
                           Α1
                                 20030320
       us 2002-35045
AΤ
                           Α1
                                 20020103 (10)
PRAI
       US 2001-259227P
                            20010103 (60)
       US 2001-284547P
                            20010419 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 4429
INCL
       INCLM: 435/069.100
       INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL
              435/069.100
       NCLS:
              435/320.100; 435/325.000; 530/350.000; 536/023.500
       [7]
IC
       ICM: C07K014-705
```

```
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 38 OF 50 USPATFULL on STN 2003:71556 USPATFULL
AN
        High throughput or capillary-based screening for a bioactivity or
TI
        biomolecule
IN
        Short, Jay M., Rancho Santa Fe, CA, UNITED STATES
        Keller, Martin, San Diego, CA, UNITED STATES
        Lafferty, William Michael, Encinitas, CA, UNITED STATES
PΙ
        US 2003049841
                             Α1
                                   20030313
        us 2001-975036
ΑI
                             Α1
                                   20011010 (9)
RLI
        Continuation-in-part of Ser. No. US 2001-894956, filed on 27 Jun 2001,
        PENDING Continuation-in-part of Ser. No. US 2001-790321, filed on 21 Feb
        2001, PENDING Continuation-in-part of Ser. No. US 2000-687219, filed on
        12 Oct 2000, PENDING Continuation-in-part of Ser. No. US 2000-685432,
        filed on 10 Oct 2000, PENDING Continuation-in-part of Ser. No. US
        1999-444112, filed on 22 Nov 1999, PENDING Continuation-in-part of Ser. No. US 1998-98206, filed on 16 Jun 1998, GRANTED, Pat. No. US 6174673 Continuation-in-part of Ser. No. US 1997-876276, filed on 16 Jun 1997,
        PENDING
PRAI
        US 2001-309101P
                              20010731 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 6452
INCL
        INCLM: 435/449.000
NCL
        NCLM: 435/449.000
        [7]
IC
        ICM: C12N015-02
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 39 OF 50 USPATFULL on STN
L5
AN
        2003:64726 USPATFULL
TI
        Methods for anlyzing interactions between proteins in live and intact
        cells
IN
        Pestka, Sidney, North Caldwell, NJ, UNITED STATES
        Krause, Christopher D., Brick, NJ, UNITED STATES
        US 2003044847
PΤ
                             Α1
                                   20030306
        US 2002-147335
AΤ
                                  20020515 (10)
                             Α1
                              20010515 (60)
PRAI
        US 2001-291119P
DT
        Utility
FS
        APPLICATION
LN.CNT 3246
        INCLM: 435/007.100
INCL
        INCLS: 435/007.210
               435/007.100
NCL
        NCLM:
        NCLS:
               435/007.210
IC
        [7]
        ICM: G01N033-53
        ICS: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 40 OF 50 USPATFULL ON STN
ΑN
        2003:37659 USPATFULL
TI
        Compositions and methods for the treatment and prevention of
        cardiovascular diseases and disorders, and for identifying agents
        therapeutic therefor
IN
        Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PA
        Medlyte, Inc. (non-U.S. corporation)
PΙ
        US 2003027304
                            Α1
                                  20030206
ΑI
        US 2001-29401
                             Α1
                                  20011221 (10)
PRAI
                             20001222 (60)
        US 2000-257926P
DT
        Utility
FS
        APPLICATION
LN.CNT
       5688
INCL
        INCLM: 435/184.000
        INCLS: 435/069.200; 435/320.100; 435/325.000; 536/023.200
NCL
        NCLM:
               435/184.000
               435/069.200; 435/320.100; 435/325.000; 536/023.200
       NCLS:
IC
        [7]
        ICM: C12N009-99
        ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 41 OF 50 USPATFULL ON STN
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2003:37155 USPATFULL

AN

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Compositions and methods for the treatment and prevention of
ΤI
        cardiovascular diseases and disorders, and for identifying agents
        therapeutic therefor
        Sabbadini, Roger A., Lakeside, CA, UNITED STATES
IN
PA
        Medlyte, Inc. (U.S. corporation)
PΙ
        US 2003026799
                             Α1
                                  20030206
        US 2001-28156
ΑI
                             Α1
                                  20011221 (10)
PRAI
        US 2000-257926P
                              20001222 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 5689
INCL
        INCLM: 424/130.100
        INCLS: 514/012.000
        NCLM:
NCL
               424/130.100
        NCLS:
                514/012.000
        [7]
        ICM: A61K039-395
        ICS: A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 42 OF 50 USPATFULL on STN
        2003:24325 USPATFULL
ΑN
TI
        Lipid matrix-assisted chemical ligation and synthesis of membrane
        polypeptides
IN
        Kochendoerfer, Gerd G., Oakland, CA, UNITED STATES
        Hunter, Christie L., San Francisco, CA, UNITED STATES
        Kent, Stephen B.H., San Francisco, CA, UNITED STATES
        Botti,
              Paolo, San Francisco, CA, UNITED STATES
        US 2003018169
PΙ
                                  20030123
                            Α1
ΑI
        US 2002-207330
                                  20020730 (10)
                            A1
        Division of Ser. No. US 1999-384302, filed on 26 Aug 1999, GRANTED, Pat.
RLI
        No. US 6451543
DT
        Utility
FS
        APPLICATION
LN.CNT 3977
INCL
        INCLM: 530/350.000
        INCLS: 530/408.000; 530/409.000
               530/350.000
NCL
        NCLM:
               530/408.000; 530/409.000
        NCLS:
IC
        [7]
        ICM: C07K014-705
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 43 OF 50 USPATFULL on STN
ΑN
        2003:10649 USPATFULL
ΤI
        T1R taste receptors and genes encoding same
IN
        Adler, Jon Elliot, San Diego, CA, UNITED STATES
       Zozulya, Sergey, San Diego, CA, UNITED STATES
Li, Xiadong, San Diego, CA, UNITED STATES
O'Connell, Shawn, Encinitas, CA, UNITED STATES
Staszewski, Lena, San Diego, CA, UNITED STATES
PΙ
        US 2003008344
                                  20030109
                            Α1
                                  20010307 (9)
ΑI
       US 2001-799629
                            Α1
PRAI
       US 2000-187546P
                             20000307 (60)
       US 2000-195536P
                             20000407 (60)
       US 2000-209840P
                             20000606 (60)
                             20000623 (60)
       US 2000-214213P
                             20000817 (60)
       US 2000-226448P
       US 2001-259227P
                             20010103 (60)
       Utility
DT
       APPLICATION
LN.CNT 4237
INCL
       INCLM: 435/069.100
       INCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.500
NCL
       NCLM:
              435/069.100
       NCLS:
               435/325.000; 435/320.100; 530/350.000; 536/023.500
TC
        [7]
       ICM: C12P021-02
       ICS: C07K014-705; C07H021-04; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 44 OF 50 USPATFULL ON STN
L5
       2002:322484 USPATFULL
ΑN
TI
       ordered two-and three-dimensional structures of amphiphilic molecules
       Mojtabai, Fatemeh, Demarest, NJ, UNITED STATES
IN
PI
       US 2002182648
                            Α1
                                  20021205
```

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20011023 (10)
ΑI
        US 2001-3468
                           Α1
PRAI
       US 2000-242913P
                            20001024 (60)
       Utility
DT
        APPLICATION
FS
LN.CNT 2878
        INCLM: 435/007.900
INCL
        INCLS: 435/287.200; 435/194.000; 530/350.000
NCL
               435/007.900
               435/287.200; 435/194.000; 530/350.000
       NCLS:
IC
        [7]
        ICM: G01N033-53
        ICS: G01N033-542; C12N009-12; C12M001-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 45 OF 50 USPATFULL ON STN
L5
ΑN
       2002:287561 USPATFULL
       T1R hetero-oligomeric taste receptors
TI
       Adler, Jon Elliot, San Diego, CA, UNITED STATES
IN
       Li, Xiaodong, San Diego, CĀ, UNITED STATES
       Staszewski, Lena, San Diego, CA, UNITED STATES
       Xu, Hong, San Diego, CA, UNITED STATES
       Echeverri, Fernando, Chula Vista, CA, UNITED STATES
PΙ
       US 2002160424
                           Α1
                                20021031
AΙ
       US 2001-897427
                           Α1
                                20010703 (9)
PRAI
       US 2001-280606P
                            20010330 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 3201
       INCLM: 435/007.100
INCL
       INCLS: 435/004.000
NCL
              435/007.100
       NCLM:
       NCLS:
              435/004.000
IC
       [7]
       ICM: G01N033-53
       ICS: C12Q001-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 46 OF 50 USPATFULL ON STN
1.5
       2002:243087 USPATFULL
ΑN
       Receptor fingerprinting, sensory perception, and biosensors of chemical
TI
ΙN
       Stryer, Lubert, Stanford, CA, UNITED STATES
       Zozulya, Sergey, San Diego, CA, UNITED STATES
PΑ
       Senomyx, Inc., La Jalla, CA, UNITED STATES (U.S. corporation)
       us 2002132273
PΙ
                                20020919
                           Α1
ΑI
       us 2001-886055
                                20010622 (9)
                           Α1
       US 2000-213812P
                            20000622 (60)
PRAI
DT
       Utility
       APPLICATION
FS
LN.CNT 2854
INCL
       INCLM: 435/007.210
       INCLS: 702/019.000
NCL
       NCLM:
              435/007.210
       NCLS:
              702/019.000
IC
       [7]
       ICM: G01N033-567
       ICS: G06F019-00; G01N033-48; G01N033-50
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 47 OF 50 USPATFULL ON STN
L5
ΑN
       2002:178763 USPATFULL
TI
       T2R taste receptors and genes ecncoding same
ΙN
       Adler, Jon Elliot, San Diego, CA, UNITED STATES
PΙ
       US 2002094551
                                20020718
                           A1
       US 2001-825882
AΙ
                           Α1
                                20010405 (9)
                            20000407 (60)
PRAI
       US 2000-195532P
       US 2000-247014P
                            20001113 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT
       3790
INCL
       INCLM: 435/069.100
       INCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.200; 426/650.000
NCL
              435/069.100
       NCLM:
       NCLS:
              435/325.000; 435/320.100; 530/350.000; 536/023.200; 426/650.000
       [7]
IC
       ICM: C07K014-705
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ICS: C07H021-04; C12N005-06; C12P021-02; A23L001-221
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       ANSWER 48 OF 50 USPATFULL on STN
 AN
         2002:238830 USPATFULL
TI
         Lipid matrix-assisted chemical ligation and synthesis of membrane
         polypeptides
IN
         Kochendoerfer, Gerd. G., Oakland, CA, United States
         Hunter, Christie L., San Francisco, CA, United States
         Kent, Stephen B. H., San Francisco, CA, United States
         Botti, Paolo, San Francisco, CA, United States
 PA
         Gryphon Sciences, South San Francisco, CA, United States (U.S.
         corporation)
РΤ
         us 6451543
                                 в1
                                        20020917
         US 1999-384302
                                        19990826 (9)
ΑI
         Continuation-in-part of Ser. No. US 1999-263971, filed on 5 Mar 1999.
RLI
         now abandoned Continuation-in-part of Ser. No. US 1998-144964, filed on
         31 Aug 1998, now abandoned
DT
         Utility
         GRANTED
FS
LN.CNT 3940
INCL
         INCLM: 435/007.100
         INCLS: 435/007.100; 435/870.000; 530/359.000; 530/400.000; 530/334.000; 530/402.000; 530/404.000; 530/408.000; 436/087.000; 436/089.000; 436/090.000; 436/501.000; 436/544.000; 424/450.000
                  435/007.100

424/450.000; 435/870.000; 436/087.000; 436/088.000; 436/089.000;

436/090.000; 436/501.000; 436/544.000; 530/334.000; 530/359.000;

530/400.000; 530/402.000; 530/404.000; 530/408.000
NCL
         NCLM:
         NCLS:
IC
         [7]
         ICM: G01N033-53
         530/359; 530/400; 530/334; 530/402; 530/404; 530/408; 436/87; 436/88;
EXF
         436/89; 436/90; 436/501; 436/544; 435/810; 435/701; 424/450
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       ANSWER 49 OF 50 AQUASCI
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       Advisory Board). All rights reserved. on STN
                                                                        DUPLICATE 1
ΑN
       2002:78108 AQUASCI
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       Three-dimensional Structure of an Invertebrate Rhodopsin and Basis for
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      Ordered Alignment in the Photoreceptor Membrane
ΑU
      Davies, A.; Gowen, B.E.; Krebs, A.M.; Schertler, G.F.X.; Saibil, H.R.
      Crystallography Department, Birkbeck College, Malet Street, London, WC1E
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      Detecting activation of a cell receptor, useful e.g. for identifying
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      modulators of receptors or enzymes, by measuring luminescent polarization
      from a labeled nucleotide.
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